

# ABSTRACT

The invention relates to a mobile system and especially to detecting, in the mobile system in question, the use of terminal equipment having a copied mobile equipment identity. In the invention, a database containing records is created, each record containing an international mobile equipment identity associated with a mobile station and an international mobile subscriber identity, a check is made to see whether the database contains a record which contains a mobile equipment identity corresponding to the mobile equipment identity transmitted by the mobile station, but whose mobile subscriber identity does not correspond to that transmitted by the mobile station, and if yes, at least a signal is produced, indicating that the mobile equipment identity is possibly a copied one.

(Figure 3A)